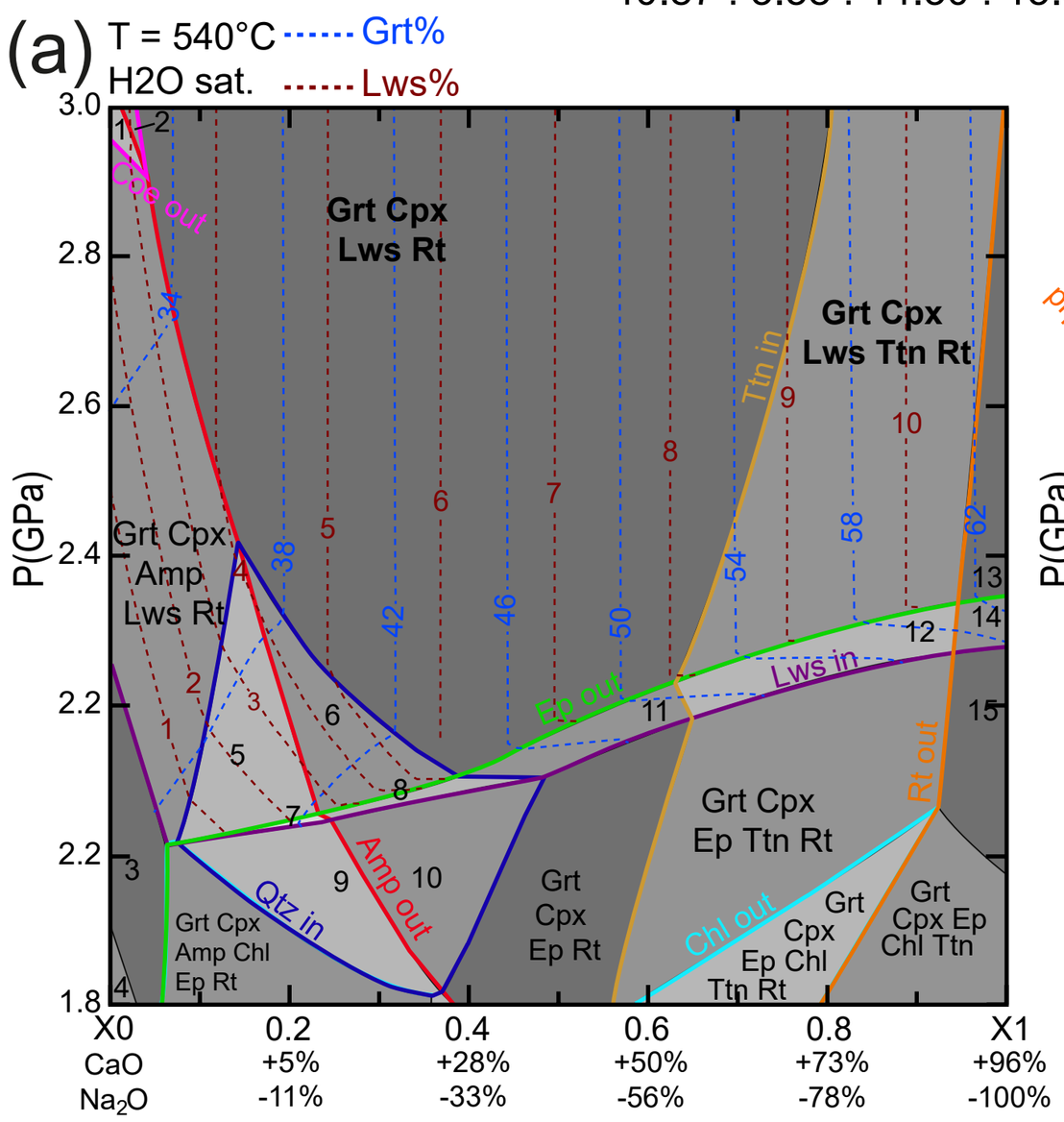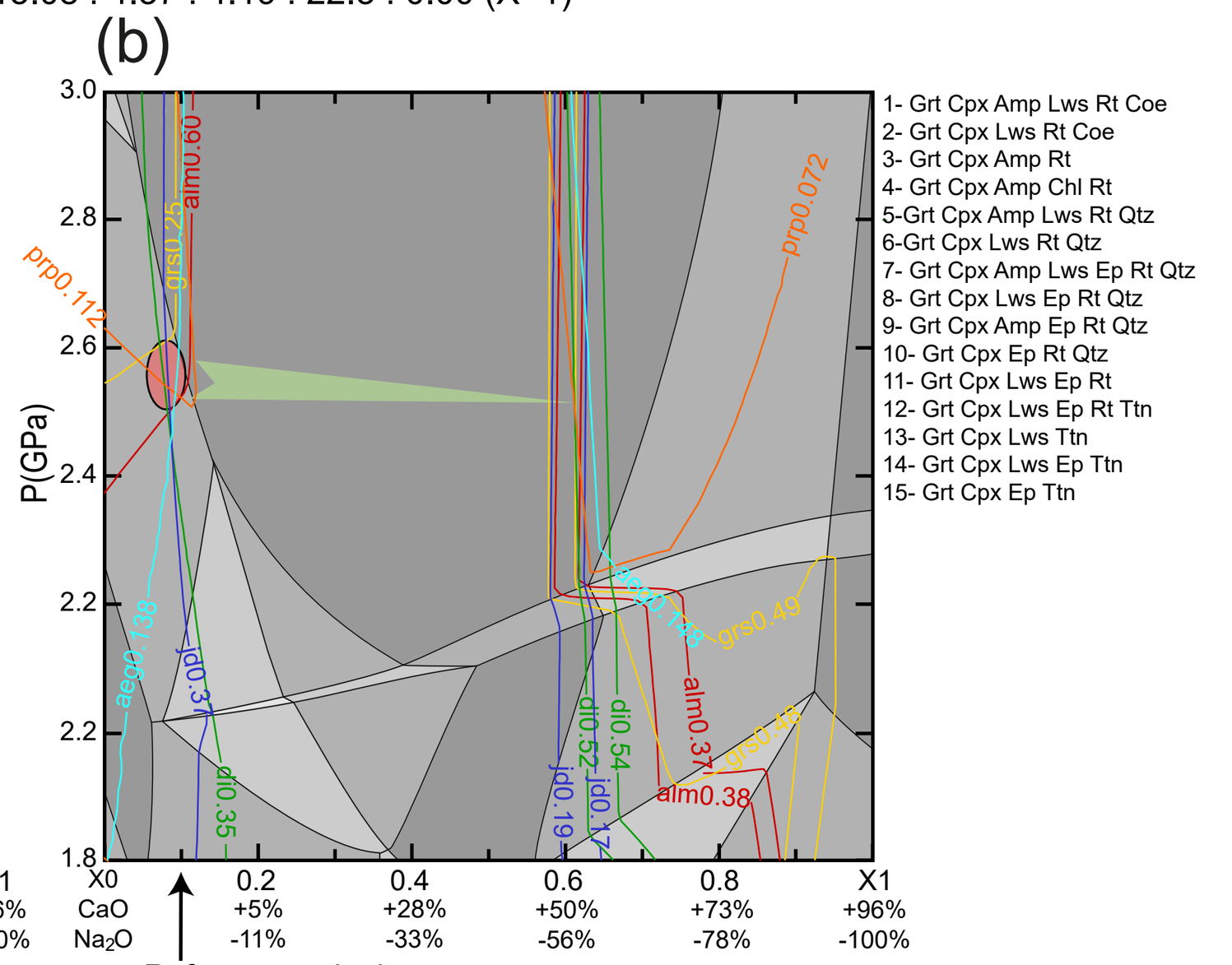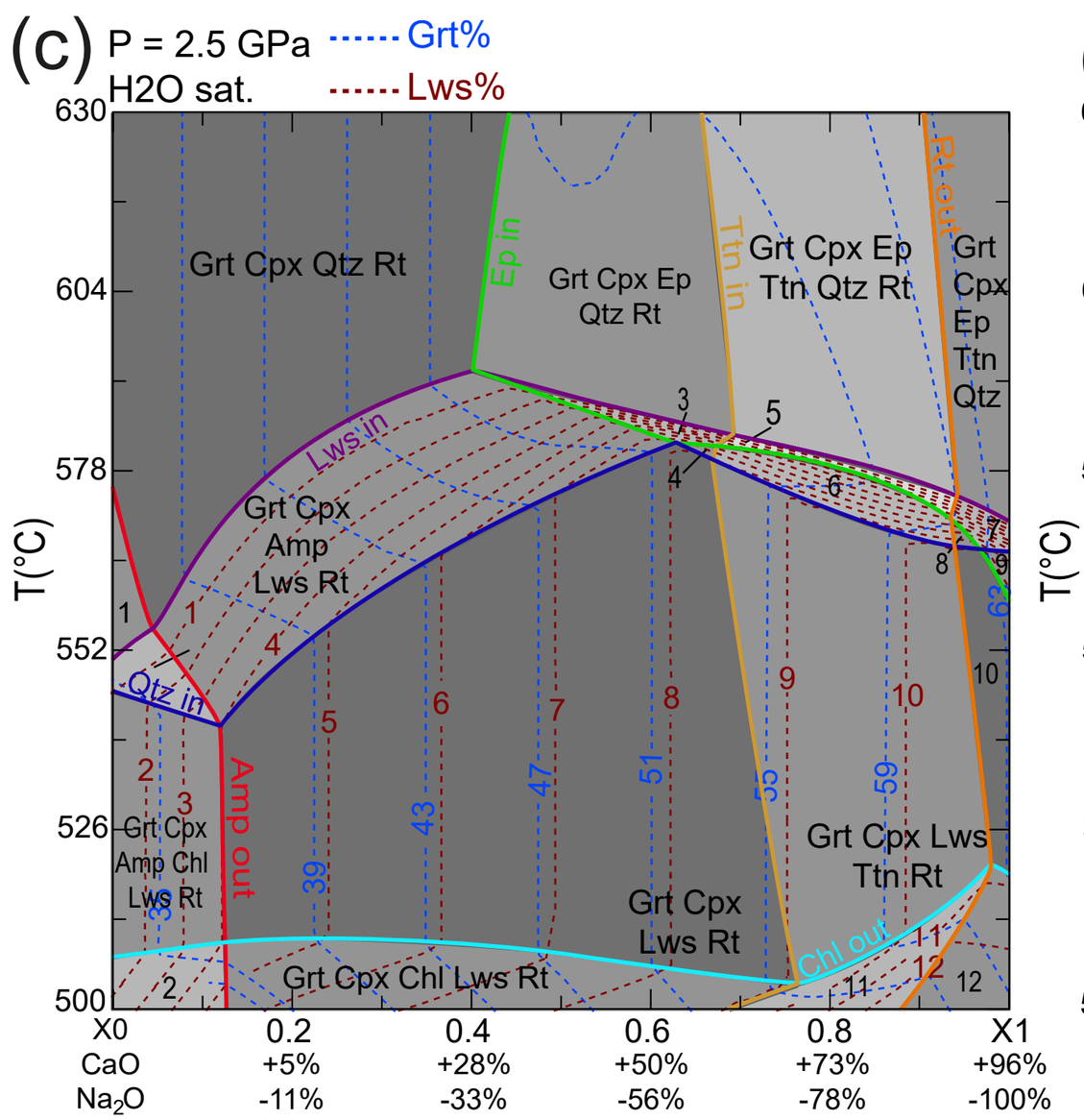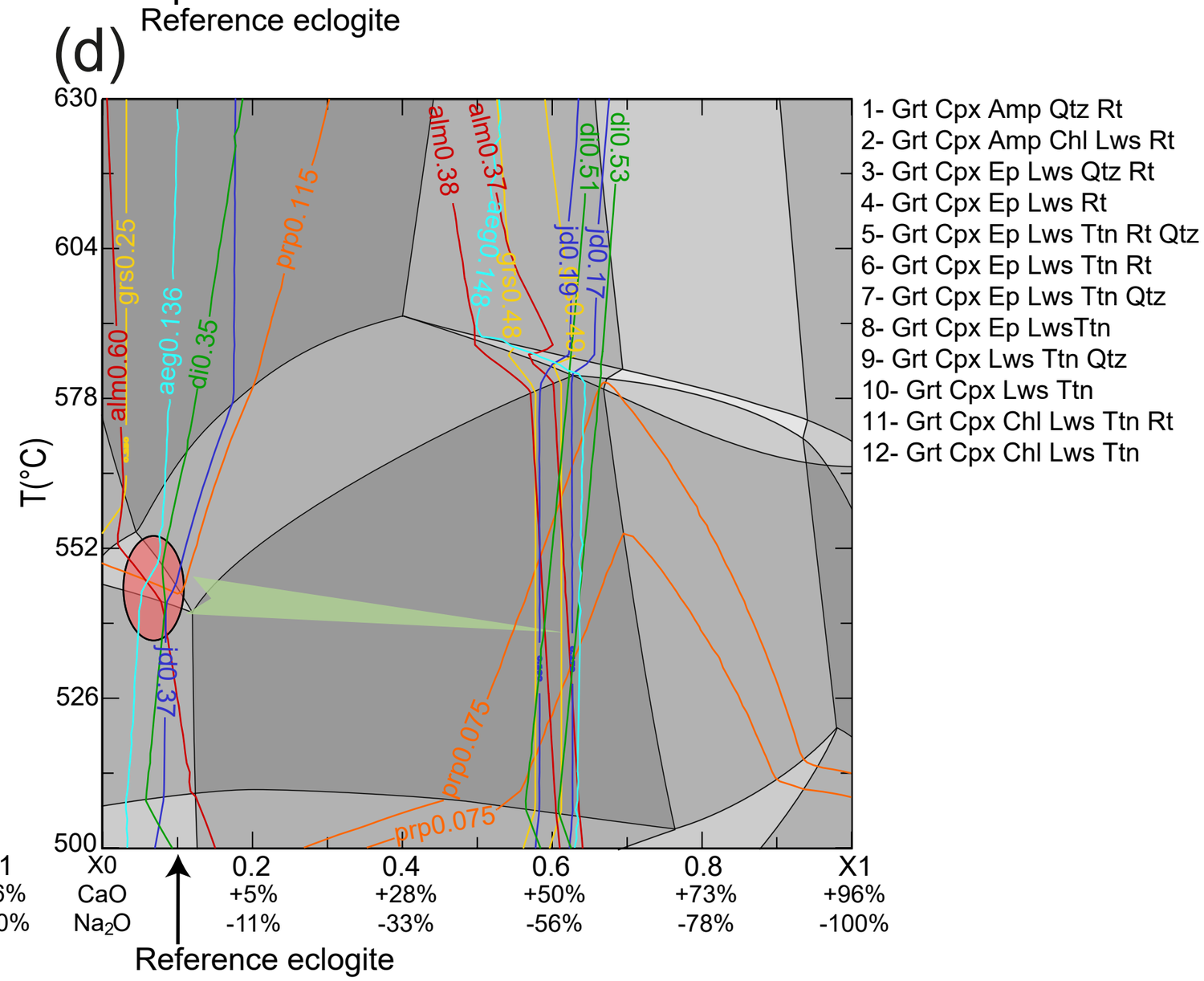SiO_2 : TiO_2 : Al_2O_3 : FeO : Fe^{3+} : MgO : CaO : Na_2O (wt%)
43.95 : 6.25 : 12.97 : 13.21 : 2.89 : 4.54 : 9.30 : 4.05 (X=0)
40.87 : 3.58 : 14.30 : 15.08 : 4.37 : 4.19 : 22.3 : 0.00 (X=1)